

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E25213

Participation : CTR

Employer : Western Washington University

Status : Affected

Worksite : Western Washington University

Survey Type : Online

Street : 516 High St Parking & Transportation Servi

Response Rate : 70%

Jurisdiction : City of Bellingham

Survey Date : 5/20/2018

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 42.1%

Drive Alone Rate : 57.9%

One-Way VMT per employee : 6.0

Average One-Way distance home to work : 9.9

Employees and Survey Response Information

Reported Total Employees at Worksite: 2,792

Surveys Distributed : 2,743

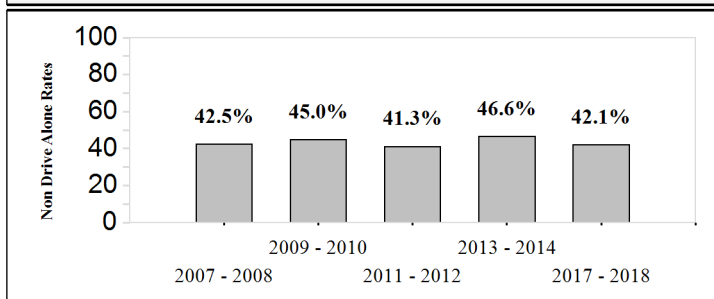
Surveys Returned : 1,920

Surveys Returned by CTR Affected* Employees : 1,408

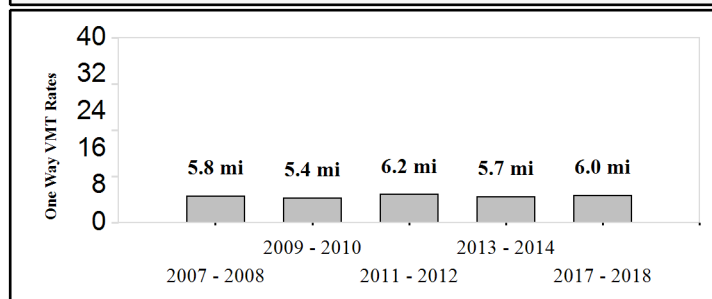
Total Estimated CTR Affected Employees at Worksite : 2,012

*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO₂e Pounds CO₂e

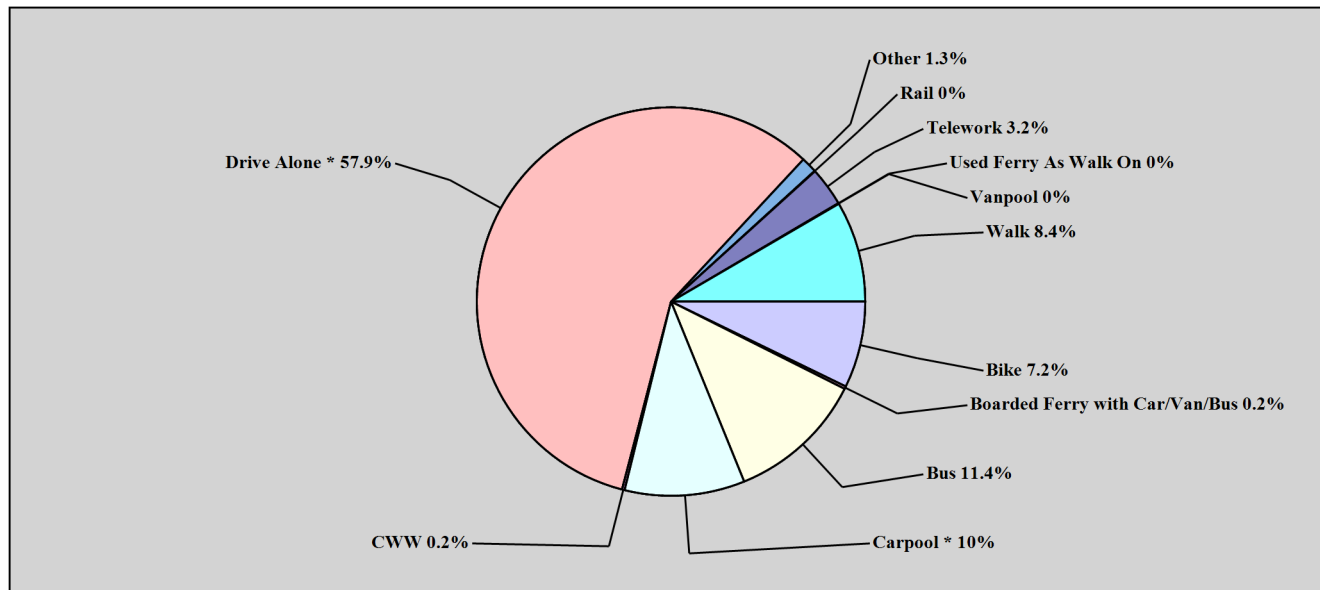
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	42.5%	40.8%	1798	2543	8.0	5.8	6.1
2009 - 2010	45.0%	45.8%	1795	2455	7.8	5.4	5.1
2011 - 2012	41.3%	41.2%	1725	2068	6.5	6.2	5.8
2013 - 2014	46.6%	47.0%	1615	2166	6.8	5.7	5.5
2015 - 2016	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2017 - 2018	42.1%	41.2%	2435	3541	11.2	6.0	6.0
Target	48.5%				Target:	4.8	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	-0.4				% Change from Baseline:	3.4%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



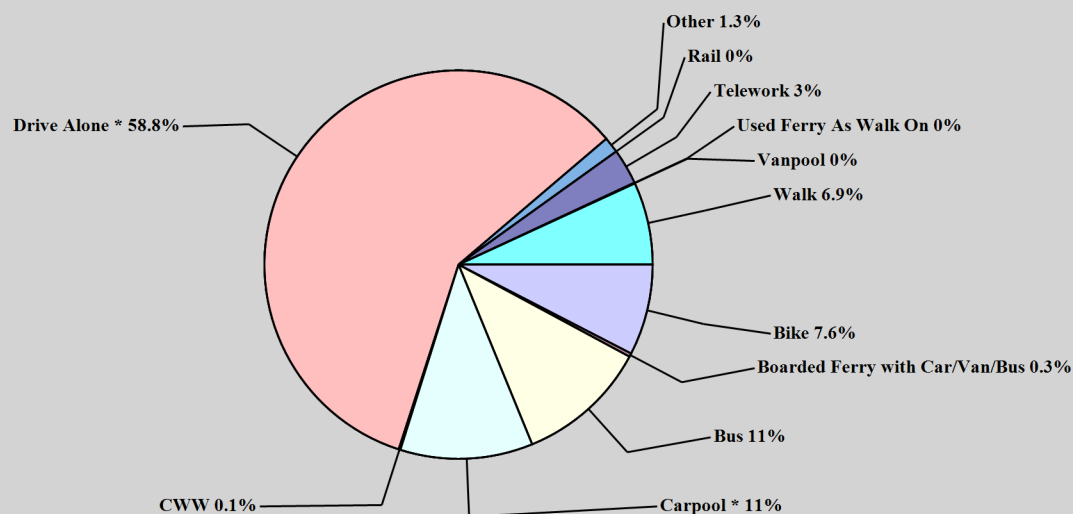
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	5,289	57.9%	53.4%	1,301	67.8%	64.4%
Carpool *	913	10.0%	11.5%	254	13.2%	16.0%
Vanpool	4	0.0%	0.2%	4	0.2%	0.3%
Bus	1,046	11.4%	13.5%	294	15.3%	18.1%
Rail	4	0.0%	0.2%	3	0.2%	0.4%
Bike	658	7.2%	8.1%	198	10.3%	11.9%
Walk	768	8.4%	8.0%	207	10.8%	10.8%
Telework	297	3.2%	3.1%	135	7.0%	7.1%
CWW	20	0.2%	0.1%	10	0.5%	0.6%
Boarded Ferry with Car/Van/Bus	20	0.2%	0.0%	7	0.4%	0.2%
Used Ferry As Walk On	2	0.0%	0.0%	1	0.1%	0.2%
Other	120	1.3%	2.0%	39	2.0%	2.9%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	4,084	58.8%	52.9%	967	68.7%	64.0%
Carpool *	767	11.0%	12.2%	211	15.0%	17.6%
Vanpool	3	0.0%	0.2%	3	0.2%	0.4%
Bus	761	11.0%	14.0%	213	15.1%	18.7%
Rail	0	0.0%	0.1%	0	0.0%	0.3%
Bike	526	7.6%	8.3%	152	10.8%	11.8%
Walk	477	6.9%	7.8%	133	9.4%	10.6%
Telework	206	3.0%	2.7%	103	7.3%	6.7%
CWW	10	0.1%	0.1%	6	0.4%	0.5%
Boarded Ferry with Car/Van/Bus	20	0.3%	0.1%	7	0.5%	0.2%
Used Ferry As Walk On	2	0.0%	0.0%	1	0.1%	0.1%
Other	92	1.3%	1.5%	28	2.0%	2.5%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	975	51%	1,920	100%
1 Days	88	5%	945	49%
2 Days	107	6%	857	45%
3 Days	107	6%	750	39%
4 Days	103	5%	643	33%
5 Days	465	24%	540	28%
6 or More Days	75	4%	75	4%

Count by Occupancy of Carpools and Vanpools

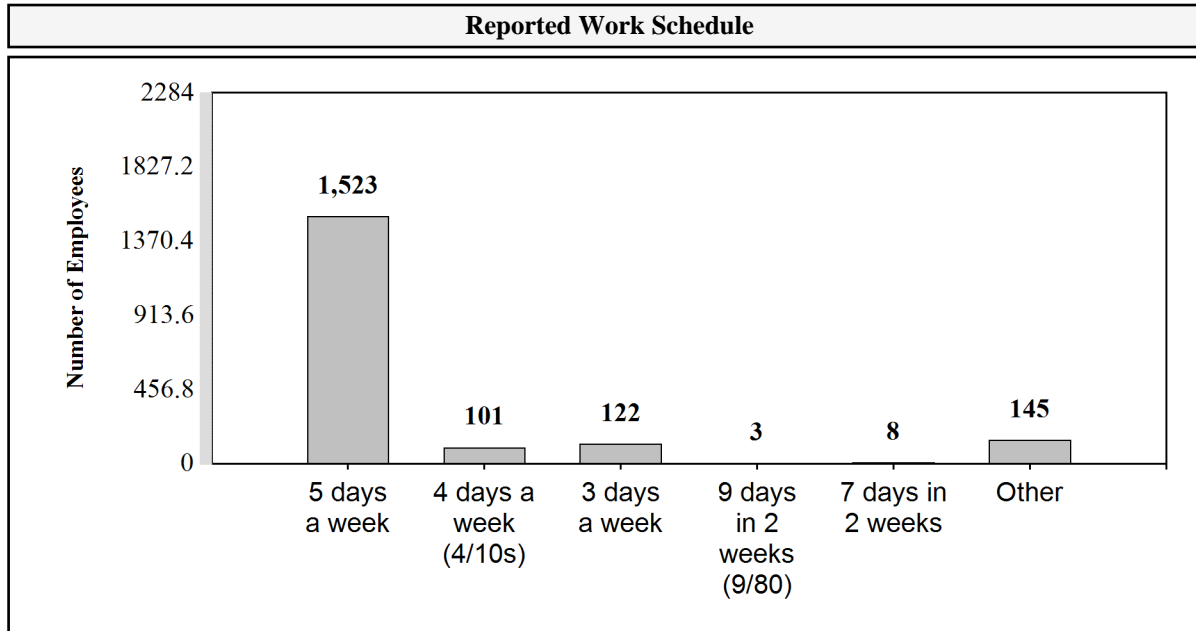
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	840
3	Carpool	45
4	Carpool	27
5	Carpool	0
>5	Carpool	1
<5	Vanpool	3
5	Vanpool	0
6	Vanpool	1
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

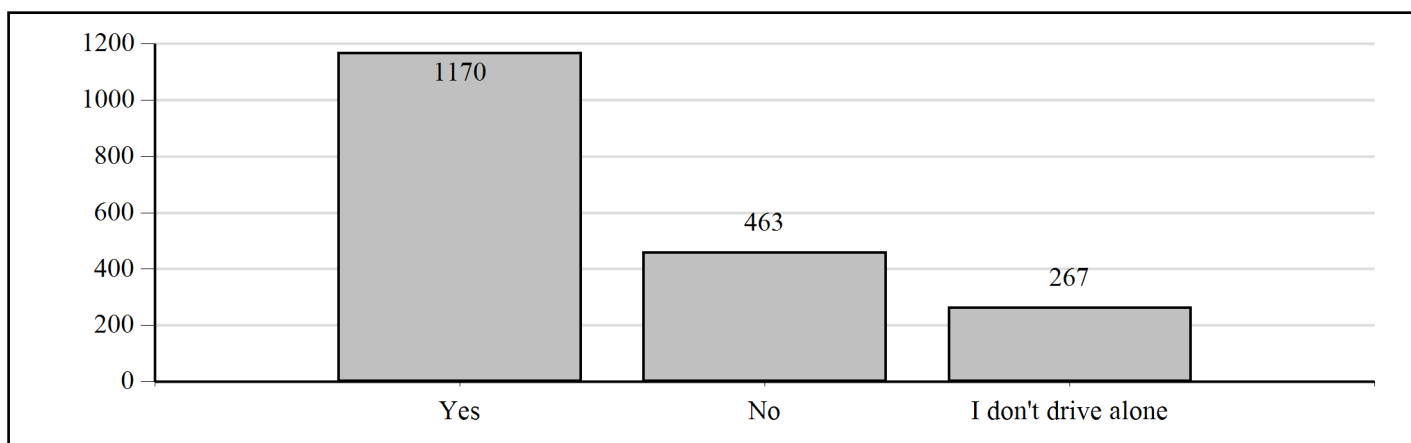
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	1,523	80.1%
4 days a week (4/10s)	101	5.3%
3 days a week	122	6.4%
9 days in 2 weeks (9/80)	3	0.2%
7 days in 2 weeks	8	0.4%
Other	145	7.6%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	11	0.6%
I don't telework	1241	64.6%
Occasionally, on an as-needed basis	345	18.0%
1-2 days/month	62	3.2%
1 day/week	113	5.9%
2 days/week	86	4.5%
3 days/week	62	3.2%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Environmental and community benefits	572	16.2%
Personal health or well-being	571	16.2%
Cost of parking or lack of parking	471	13.4%
To save money	462	13.1%
Free or subsidized bus, train, vanpool pass or fare benefit	324	9.2%
Other	315	8.9%
I have the option of teleworking	262	7.4%
Driving myself is not an option	220	6.2%
Financial incentives for carpooling, bicycling or walking.	190	5.4%
Emergency ride home is provided	56	1.6%
Preferred/reserved carpool/vanpool parking is provided	49	1.4%
To save time using the HOV lane	18	0.5%
I receive a financial incentive for giving up my parking space	14	0.4%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	984	25.2%
I like the convenience of having my car	910	23.3%
Family care or similar obligations	713	18.3%
Other	525	13.5%
My job requires me to use my car for work	250	6.4%
My commute distance is too short	216	5.5%
Bicycling or walking isn't safe	216	5.5%
I need more information on alternative modes	52	1.3%
There isn't any secure or covered bicycle parking	33	0.8%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98225	760	39.58%	1324	342	3	37	586	4	514	733	81	10	5	0	42
98229	421	21.93%	1349	208	1	26	195	0	89	27	75	1	2	2	23
98226	309	16.09%	1064	154	0	26	141	0	42	2	24	6	0	0	20
98248	103	5.36%	375	66	0	4	28	0	0	0	10	0	0	0	3
98230	50	2.60%	168	34	0	0	20	0	5	0	11	0	0	0	0
98264	44	2.29%	154	13	0	6	15	0	1	0	12	0	0	0	11
98284	26	1.35%	94	24	0	4	1	0	0	0	7	0	0	0	0
98221	21	1.09%	72	8	0	0	3	0	1	0	3	0	5	0	0
98233	16	0.83%	43	8	0	9	13	0	0	0	1	0	0	0	0
	13	0.68%	35	0	0	0	0	0	4	1	10	0	0	0	2
98247	13	0.68%	58	0	0	3	0	0	0	0	0	0	0	0	0
98274	12	0.63%	40	6	0	0	8	0	0	0	2	0	1	0	0
98273	11	0.57%	38	8	0	0	0	0	0	0	2	0	0	0	7
98244	10	0.52%	26	16	0	0	4	0	0	0	0	1	0	0	3
98266	8	0.42%	32	0	0	0	1	0	0	0	3	0	0	0	0
98232	7	0.36%	31	0	0	0	0	0	0	0	1	0	0	0	0
98240	6	0.31%	25	0	0	0	5	0	0	0	0	0	0	0	0
98012	4	0.21%	13	0	0	0	0	0	0	0	7	0	0	0	0
98199	3	0.16%	4	0	0	0	4	0	0	0	4	0	0	0	0
98223	3	0.16%	13	0	0	0	0	0	0	0	0	0	0	0	0
98237	3	0.16%	6	6	0	0	2	0	1	0	0	0	0	0	0
98271	3	0.16%	6	0	0	0	0	0	0	0	0	0	0	0	0
98295	3	0.16%	7	3	0	0	0	0	0	0	0	0	0	0	0
98004	2	0.10%	7	0	0	0	0	0	0	0	0	0	0	0	0
98117	2	0.10%	3	0	0	0	0	0	0	0	4	2	0	0	0
98118	2	0.10%	3	0	0	5	0	0	1	2	3	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98220	2	0.10%	5	2	0	0	3	0	0	0	0	0	0	0	0
98228	2	0.10%	5	5	0	0	0	0	0	0	0	0	0	0	0
98258	2	0.10%	0	0	0	0	3	0	0	0	5	0	0	0	0
98270	2	0.10%	8	0	0	0	0	0	0	0	0	0	0	0	0
98282	2	0.10%	8	0	0	0	0	0	0	0	2	0	0	0	0
98292	2	0.10%	7	0	0	0	0	0	0	0	0	0	0	0	0
98370	2	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
00000	1	0.05%	3	0	0	0	0	0	0	0	0	0	0	0	2
24401	1	0.05%	0	0	0	0	0	0	0	0	5	0	0	0	0
29875	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
55600	1	0.05%	2	0	0	0	0	0	0	0	5	0	0	0	0
84123	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
89511	1	0.05%	0	0	0	0	5	0	0	1	0	0	0	0	0
98006	1	0.05%	4	0	0	0	0	0	0	0	0	0	1	0	0
98022	1	0.05%	3	0	0	0	4	0	0	0	0	0	0	0	0
98026	1	0.05%	3	0	0	0	0	0	0	0	0	0	0	0	0
98034	1	0.05%	1	0	0	0	0	0	0	0	0	0	0	0	0
98040	1	0.05%	2	0	0	0	0	0	0	2	0	0	0	0	0
98043	1	0.05%	2	0	0	0	0	0	0	0	0	0	0	0	0
98052	1	0.05%	1	1	0	0	0	0	0	0	1	0	0	0	0
98053	1	0.05%	1	0	0	0	0	0	0	0	6	0	0	0	0
98087	1	0.05%	1	0	0	0	0	0	0	0	0	0	0	0	0
98092	1	0.05%	2	0	0	0	0	0	0	0	0	0	0	0	0
98102	1	0.05%	0	0	0	0	0	0	0	0	0	0	0	0	2
98105	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
98108	1	0.05%	0	0	0	0	0	0	0	0	4	0	0	0	0
98109	1	0.05%	4	0	0	0	0	0	0	0	0	0	0	0	0
98110	1	0.05%	3	0	0	0	0	0	0	0	0	0	0	0	0
98125	1	0.05%	3	2	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98133	1	0.05%	4	0	0	0	0	0	0	0	2	0	0	0	0
98177	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
98178	1	0.05%	1	0	0	0	0	0	0	0	0	0	0	0	0
98201	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
98204	1	0.05%	3	0	0	0	0	0	0	0	2	0	0	0	0
98211	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
98227	1	0.05%	0	0	0	0	5	0	0	0	0	0	0	0	0
98231	1	0.05%	4	0	0	0	0	0	0	0	0	0	0	0	0
98235	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
98241	1	0.05%	4	0	0	0	0	0	0	0	1	0	0	0	0
98246	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
98262	1	0.05%	0	0	0	0	0	0	0	0	0	0	5	0	0
98263	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
98275	1	0.05%	3	0	0	0	0	0	0	0	0	0	0	0	0
98277	1	0.05%	3	0	0	0	0	0	0	0	2	0	0	0	0
98296	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
98310	1	0.05%	4	0	0	0	0	0	0	0	0	0	0	0	0
98311	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
98329	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
98332	1	0.05%	3	0	0	0	0	0	0	0	0	0	0	0	0
98359	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
98363	1	0.05%	3	0	0	0	0	0	0	0	0	0	0	0	0
98366	1	0.05%	1	0	0	0	0	0	0	0	0	0	0	0	0
98367	1	0.05%	0	0	0	0	0	0	0	0	0	0	1	0	5
98391	1	0.05%	3	0	0	0	0	0	0	0	0	0	0	0	0
98506	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
98664	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
99824	1	0.05%	5	0	0	0	0	0	0	0	0	0	0	0	0
V4B3C	1	0.05%	3	0	0	0	0	0	0	0	2	0	0	0	0